BE1434

Total No. of Printed Pages: 2
B.E - (Computer) (Sem-VIII)(Revised Course 2019-2020)
EXAMINATION JUNE 2023
3) Multimedia Systems & Applications

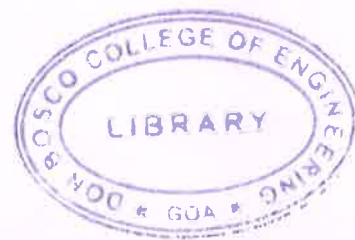[Time: 3:00 Hours]   [Max. Marks:100]

Instructions: 1) Attempt Two Questions from PART-A and PART-B and One question from PART-C
2) Make suitable assumptions whenever necessary

PART-A

Q1	a)	Define following terms with respect to multimedia.	05
		i) Hypermedia	
		ii) Multimedia Developers	
		iii) Integrated multimedia	
		iv) Authoring Tool	
		v) Scripting	
	b)	Explain the concept of dithering in color palettes.	05
	c)	Explain the four basic stages in a multimedia project.	06
	d)	Write a short note on Authoring systems.	04
Q2	a)	Differentiate between Digital Audio and MIDI Audio.	05
	b)	Explain in detail MPEG digital video compression technique.	07
	c)	Describe the different types of animation techniques used in multimedia.	08
Q3	a)	Discuss the hardware aspects involved in making multimedia.	07
	b)	Explain different Image file formats used for multimedia.	08
	c)	Write a short note on animation file formats.	05

PART-B

Q4	a)	What are the steps you would take in "gearing up" for the production phase of a multimedia project?	08
	b)	Explain in detail different ways of locating the preexisting content.	06
	c)	Explain the importance of prototype development phase with respect multimedia project.	06
Q5	a)	What are the two most common image file formats in use on Web today? Discuss what each is best suited for, its limitation, and its capabilities.	08
	b)	Write a short note on video for the web.	05
	c)	Describe what different parts of the URL represent http://www.secondLevel.topLevel/filename.filetype	07

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Q6   a)   Describe the idea analysis phase of making multimedia.   07
      b)   Write a short note on multimedia operating systems.   05
      c)   Explain the following concepts with respect to planning and cost in multimedia.   08
          i)   Billing rates
          ii)   Request for Proposal

PART-C

Q7   a)   Write a short note on 3-D drawings and rendering.   06
      b)   Define multimedia. And explain how multimedia is used in various fields.   07
      c)   Explain different steps to be followed to bring an audio recording into multimedia project.   07

Q8   a)   Briefly explain ownership of content created for a project.   06
      b)   Explain how mobile multimedia has impacted digital revolution worldwide.   06
      c)   Write a short note on   08
          i)   Sound for web.
          ii)   Animation for web